APPENDIX E

Little Humboldt River Wilderness Study Area Route Inventory: Data Point Photographs, Track Shape Graphs & Vegetation Analysis

Route 011 Point 1



Up the route: 40^0 NE



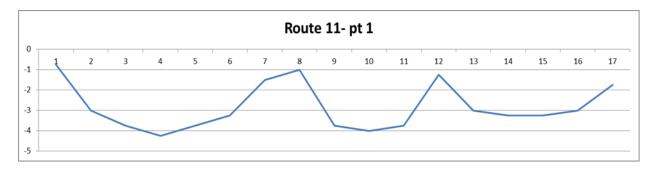
Down the route: 240° SW

No Picture



Left side of route: 140° SE

Right side of route: 320° NW



Vegetation: This is a low sage dominant area with a few big sage plants scattered throughout the landscape. Bluebunch and Sandberg bluegrass understory with some cheatgrass present.

Route 011 Point 2



Up the route: 20⁰ N



Down the route: 220° SW

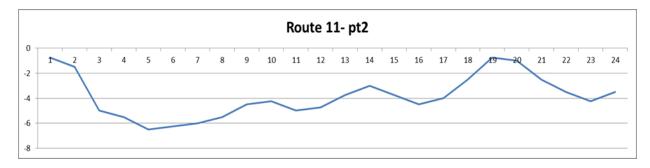
No Picture



Left side of route: 120° SE

Right side of route: 310⁰ NW

Tracks: U-shaped.



Vegetation: This is a rehabilitation area that has been heavily trampled. Mostly grass bluebunch, Sandberg, basin wildrye, and crested wheat with some cheatgrass.

Route 011 Point 3



Up the route: 0° N

No Picture

Left side of route: 90⁰ E

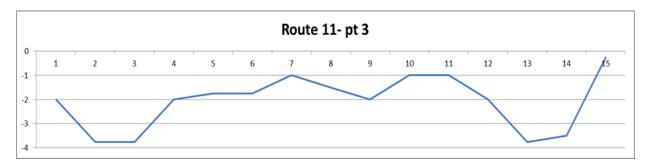


Down the route: 180° S

No Picture

Right side of route: 270° W

Tracks: U-shaped.



Vegetation: This is a shrubland rehab area that is mainly low sage and basin wildrye dominated with white rabbitbrush mixed in at a few locations. Other grasses include bluebunch, possible crested wheat, Sandberg bluegrass, and cheatgrass.

Route 011 Point 4



Up the route: 70^0 E

No Picture

Left side of route: 170^o S

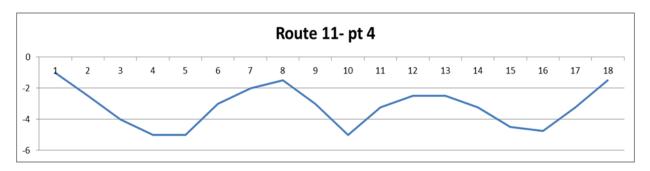


Down the route: 250° W

No Picture

Right side of route: 340⁰ N

Tracks: U-shaped.



Vegetation: Grassland area dominated by bluebunch and some Sandberg along with green rabbitbrush plants. Cheatgrass is the dominant understory.

Route 011 Point 0 and 5

Point 0: Starting Point No picture

Point 5: Ending Point



Down the route: 250⁰ W

Up the route: 70^0 E

Tracks: U-shaped.

Vegetation: Grassland with basin wildrye and bluebunch dominating. The understory

includes a lot of cheatgrass and a few rosettes of tumble mustard.

Route 012 Point 1



Up the route: 20⁰ N



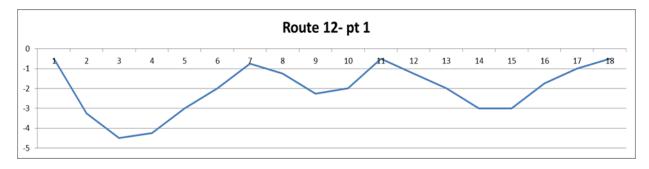
Down the route: 210^o SW



Left side of route: 110^o E



Right side of route: 300⁰ NW



Vegetation: Grass and shrubland mix rehab area. Forbes includes black or low sage and green rabbitbrush. Grasses are bluebunch, Sandberg, possible squirreltail, and cheatgrass.

Route 012 Point 2



Up the route: 22⁰ N



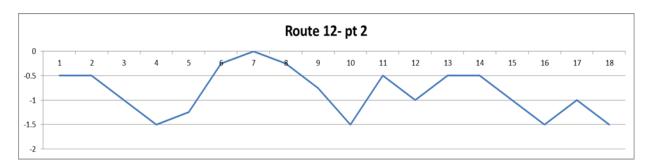
Down the route: 217^o SW



Left side of route: 119⁰ SE



Right side of route: 297⁰ NW



Vegetation: This is a rehabilitation area with bluebunch and Sandburg blue grasses. There are a few green rabbitbrush plants with a cheatgrass understory.

Route 012 Point 3



Up the route: 10⁰ N



Down the route: 190^o S

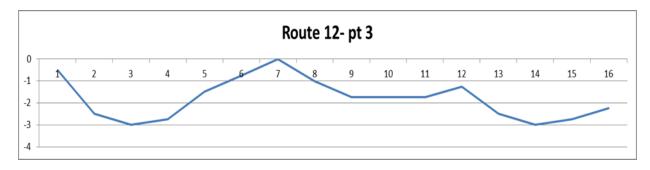


Left side of route: 100° E



Right side of route: 280° W

Tracks: Slightly U-shaped.



Vegetation: Shrub grassland rehabilitation area with basin wildrye, bluebunch, Sandberg, big sage, green rabbitbrush, and cheatgrass.

Route 012 Point 4



Up the route: 20⁰ N



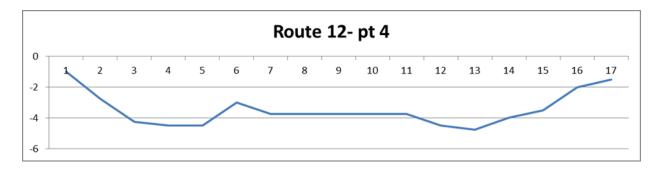
Down the route: 200° S



Left side of route: 90⁰ E



Right side of route: 270° W



Vegetation: Rehabilitation grassland area with bunchgrass dominating. A few plants of big sage and green rabbitbrush can be seen. Grasses include basin wildrye, bluebunch, and Sandberg with a cheatgrass understory.

Route 012 Point 0 and 5

Point 0: Starting Point



Up the route: 20⁰ N

Point 5: Ending Point



Down the route: 200° S

Tracks: Flat.

Vegetation: This is a grassland rehabilitation area with mostly bluebunch, basin wildrye,

Sandberg, and some pockets of cheatgrass. Forbes are present but very patchy

and include big sage, green rabbitbrush, and lupine.

Route 013 Point 1



Up the route: 50⁰ NE



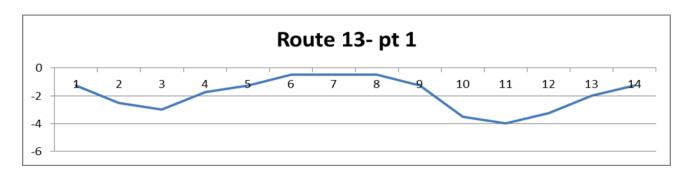
Down the route: 230° SW



Left side of route: 310° NW



Right side of route: 130° SE



Vegetation: Shrub grassland rehab area with basin wildrye, bluebunch, squirreltail, Sandberg bluegrass, green rabbitbrush, big sage and cheatgrass.

Route 013 Point 2



Up the route: 50⁰ NE



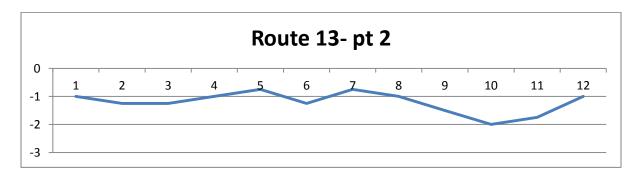
Down the route: 320⁰ NW



Left side of route: 40° NE



Right side of route: 220° SW



Vegetation: Open Grassland dominated by large bunchgrasses such as basin wildrye, other species includes western wheat, bluebunch, and Sandberg bluegrass although the understory is very hard to identify. There might be islands of big sage on the ridges possibly left over from a fire.

Route 013 Point 3



Up the route: 120° SE



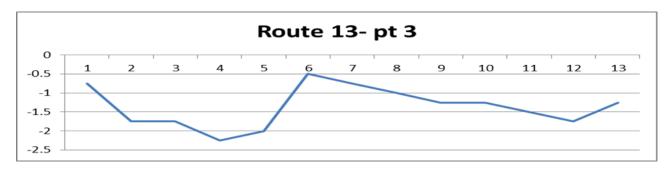
Down the route: 320° NW



Left side of route: 40° NE



Right side of route: 220° SW



Vegetation: Grassland with basin wildrye, bluebunch, some Sandberg bluegrass with very little gap between plants.

Route 013 Point 4



Up the route: 190° S



Down the route: 30⁰ NE

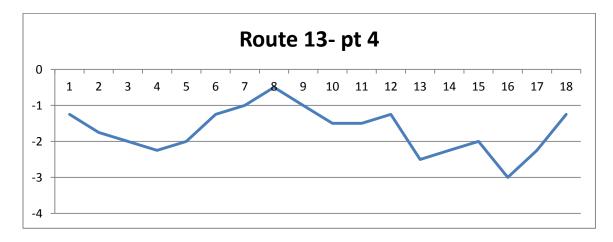


Left side of route: 130° SE



Right side of route: 290^o NW

Tracks: U-shaped.



Vegetation: Open grassland with large bunchgrasses dominating the landscape. Younger big sage plants seem to be coming back from a fire. Possible species include basin wildrye, bluebunch, Sandberg bluegrass, and a few patches of cheatgrass.

Route 013 Point 5



Up the route: 220° SW



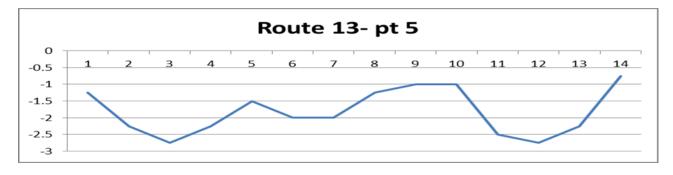
Down the route: 60° NE



Left side of route: 140° SE



Right side of route: 320° NW



Vegetation: Grassland rehabilitation area. It appears recent drought conditions has had a large effect on this area, bluebunch seems to be the dominant species with a few big sage and rabbitbrush mixed in. Smaller grass species appears to have been severely grazed and cannot be identified.

Route 013 Point 6



Up the route: 220° SW



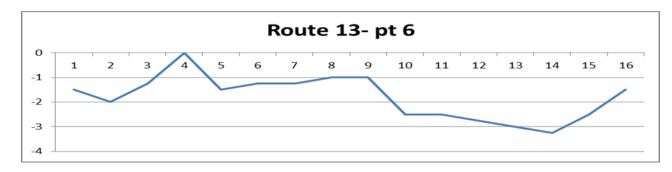
Down the route: 60⁰ NE



Left side of route: 130° SE



Right side of route: 310⁰ NW



Vegetation: Grassland rehab area with patches of big sage and a few green rabbitbrush. Grasses include bluebunch, Sandberg bluegrass and possibly some western wheat, and scattered patches of cheatgrass.

Route 013 Point 0 and 7

Point 0: Starting Point



Up the route: 20⁰ N

Point 7: Ending Point



Down the route: 200° S

Tracks: Flat.

Vegetation: Open grassland with pockets of big sage. Bluebunch and basin wildrye

dominated communities with a few pockets of big sage scattered throughout the area. Understory includes Sandberg bluegrass and cheatgrass as well as other

species.

Route 014 Point 1



Up the route: 50⁰ NE



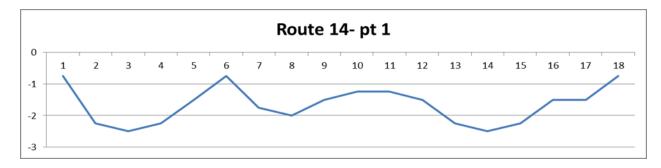
Down the route: 230° SE



Left side of route: 320⁰ NW



Right side of route: 140° SE



Vegetation: Fire line rehabilitation area with big sage dominating the unburned side and grassland on the rehab side. Grasses include basin wildrye, Sandberg, some cheatgrass, and green rabbitbrush.

Route 014 Point 2



Up the route: 60^0 NE



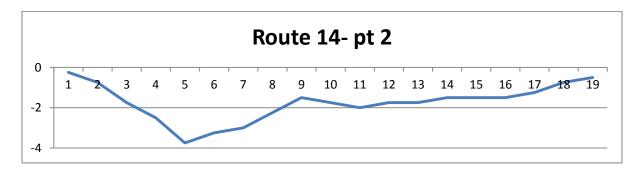
Down the route: 330° NW



Left side of route: 240 SW⁰



Right side of route: 150° SE



Vegetation: Grassland dominated by basin wildrye and bluebunch wheatgrass with islands of big sage. Other species, Sandberg bluegrass, squirreltail, and forage kochia. Not any significant areas of cheatgrass.

Route 014 Point 3



Up the route: 90° E



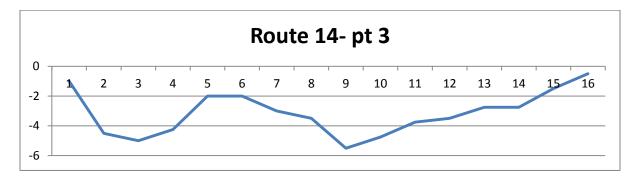
Down the route: 270° W



Left side of route: 360⁰ N



Right side of route: 180^o S



Vegetation: Mixed low/mountain sage and small bunchgrasses. Possibly some forage kochia, and other small species such as Sandberg bluegrass or squirreltail.

Route 014 Point 4



Up the route: 80° E



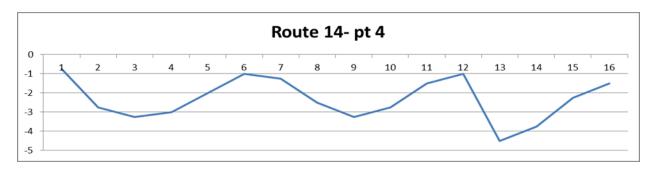
Down the route: 260° W



Left side of route: 350⁰ N



Right side of route: 170^o S



Vegetation: Grassland rehabilitation area with a uniform species cover in all areas, including bluebunch, forage kochia, Sandberg bluegrass, and some unidentifiable sage species.

Route 014 Point 0 and 5

Point 0: Starting Point



Up the route: 50° NE

Point 5: Ending Point



Down the route: 260° W

Tracks: Flat.

Vegetation: Shrubland rehabilitation with big sage being dominant with green rabbitbrush,

bluebunch wheatgrass, a few basin wildrye, and what looks to be a very heavy cheatgrass duff layer. At point 5; grass and shrub mix with a lot of forage kochia, some bluebunch, and what looks to be Sandberg bluegrass or squirreltail and/or

both.

Route 015 Point 1



Up the route: 40° NE



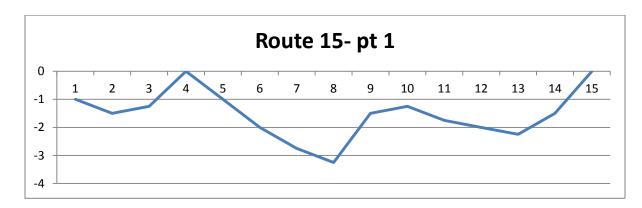
Down the route: 220° SW



Left side of route: 310⁰ NW



Right side of route: 130° SE



Vegetation: Sagebrush dominated landscape with a healthy bunchgrass understory. Dominant species include: big sagebrush, bluebunch wheatgrass, Sandberg blue, green stem rabbitbrush, and a few patches of cheatgrass (downy brome).

Route 015 Point 2



Up the route: 90° E



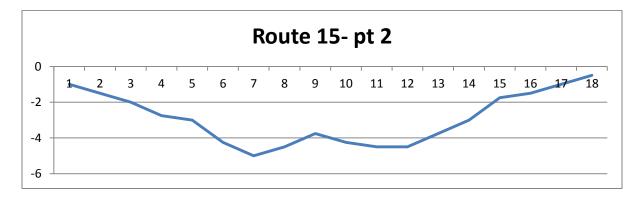
Down the route: 270° W



Left side of route: 350° N



Right side of route: 170° S



Vegetation: Big sage dominant with a large understory of bunch grasses on southern facing slopes. Big sagebrush dominates the washes and lower flats to the exclusion of most other species except downy brome. Other species include, forage kochia, basin wildrye, bluebunch wheatgrass, Sandberg bluegrass, and willows in riparian drainages.

Route 015 Point 3



Up the route: 10⁰ NE



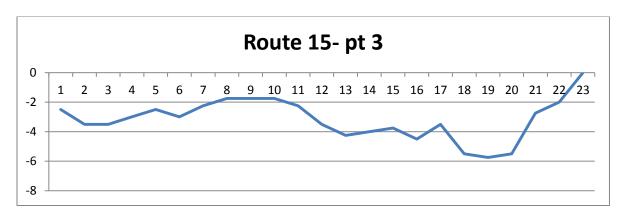
Down the route: 170° SW



Left side of route: 260° NW



Right side of route: 100⁰ SE



Vegetation: Low or black sage dominant to the exclusion of most other species. Cheatgrass is found mainly along the route with small bunchgrasses present in a few gaps between the sagebrush.

Route 015 Point 4



Up the route: 360° N



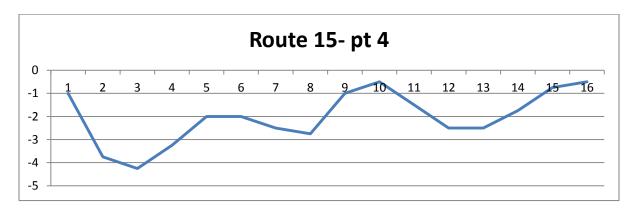
Down the route: 180° SW



Left side of route: 270° W



Right side of route: 90° S



Vegetation: Low or mountain sage dominant to the exclusion of other grasses and forbs. Some forage kochia present along the route as well as downy brome. Smaller bunch grasses include Sandberg bluegrass, possibly some squirreltail or other smaller species.

Route 015 Point 5



Up the route: 360° N



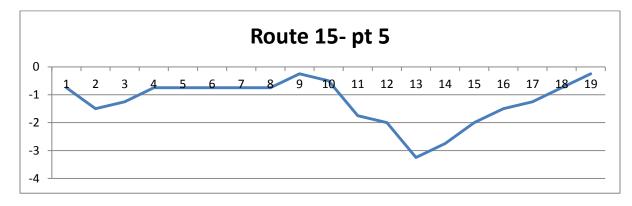
Down the route: 180° S



Left side of route: 270° W



Right side of route: 90^o E



Vegetation: Possible fire rehab area with large sections of taller grasses dominating most of the landscape with islands of big sage scattered throughout the area. Species include: basin wildrye, bluebunch wheatgrass, squirreltail, and possibly Sandberg and downy brome.

Route 015 Point 0 and 5

Point 0: Starting Point



Up the route: 50⁰ NE

Point 5: Ending Point



Down the route: 180^o S

Tracks: Flat.

Vegetation: Mixed brush area with desert willows completely dominating the riparian areas

with big sage surrounding the willows. On the higher areas of the route grasses become much more prevalent with wheatgrasses and basin wildrye dominating. Other species of interest include green stem rabbitbrush, islands of big sage

within the grassland and some cheatgrass along the route corridor.